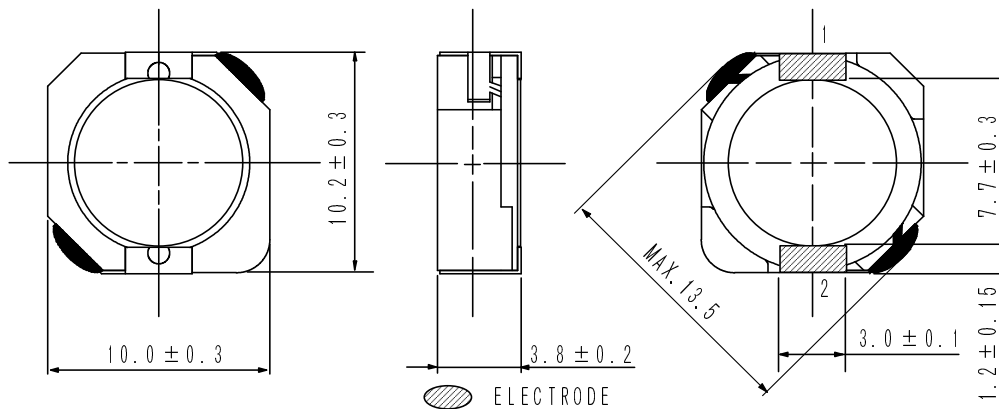
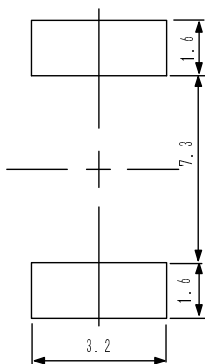


Type: CDRH104R
◆ Product Description

- 10.5×10.3mm Max.(L×W), 4.0mm Max. Height.
- Inductance range: 1.5~330 μ H.
- Rated current range: 0.52~6.5A.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.


◆ Feature

- Magnetically shielded construction.
- Storage temperature range: -40°C~+100°C.
- Operating temperature range: -40°C~+100°C (Including coil's self temperature rise).
- Ideally used in Notebook PC, LCD TV,DVD, Game machine, STB ,Projector etc as DC-DC converter inductors.
- RoHS compliance and Halogen Free.

◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Specification

Please refer to the sales offices on our website for a representative near you

www.sumida.com

Type: CDRH104R

Part Name ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R.(m Ω) Max.(Typ.) (at 20°C)	Saturation Current (A) ※1	Temperature Rise Current (A) ※2
CDRH104RNP-1R5N□	1R5	1.5±30%	8.1 (6.0)	10.0	6.50
CDRH104RNP-2R5N□	2R5	2.5±30%	10.5 (7.8)	7.50	6.10
CDRH104RNP-3R8N□	3R8	3.8±30%	13.0 (9.6)	6.00	5.50
CDRH104RNP-5R2N□	5R2	5.2±30%	22 (16)	5.50	5.40
CDRH104RNP-7R0N□	7R0	7.0±30%	27 (20)	4.80	4.50
CDRH104RNP-100N□	100	10±30%	35 (26)	4.40	3.80
CDRH104RNP-120N□	120	12±30%	46 (34)	3.70	3.40
CDRH104RNP-150N□	150	15±30%	50 (37)	3.60	3.10
CDRH104RNP-180N□	180	18±30%	69 (51)	3.10	2.60
CDRH104RNP-220N□	220	22±30%	73 (54)	2.90	2.50
CDRH104RNP-270N□	270	27±30%	88 (65)	2.60	2.30
CDRH104RNP-330N□	330	33±30%	93 (69)	2.30	2.20
CDRH104RNP-390N□	390	39±30%	127 (94)	2.20	2.00
CDRH104RNP-470N□	470	47±30%	128 (95)	2.10	1.90
CDRH104RNP-560N□	560	56±30%	188 (139)	1.65	1.50
CDRH104RNP-680N□	680	68±30%	213 (158)	1.50	1.42
CDRH104RNP-820N□	820	82±30%	283 (218)	1.45	1.30
CDRH104RNP-101N□	101	100±30%	304 (225)	1.35	1.25
CDRH104RNP-121N□	121	120±30%	375 (278)	1.20	1.08
CDRH104RNP-151N□	151	150±30%	506 (375)	1.15	0.85
CDRH104RNP-181N□	181	180±30%	568 (421)	1.00	0.75
CDRH104RNP-221N□	221	220±30%	756 (560)	0.92	0.70
CDRH104RNP-271N□	271	270±30%	853 (632)	0.84	0.55
CDRH104RNP-331N□	331	330±30%	1090 (810)	0.70	0.52

※ Description of part name

CDRH104RNP-1R5N□

- B Box
- C Carrier Tape

※ 1. Saturation current: The DC current at which the inductance decreases to 65% of it's nominal value.

※ 2. Temperature rise current: The DC current at which the temperature rise is $\Delta t=30^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$).